MATERIAL SAFETY DATA SHEET

prepared 02/19/04

HAZARDS IDENTIFICATION (ANSI Section 3)

Primary route(s) of exposure : Inhalation, skin contact, eye contact, ingestion.

Effects of overexposure :

Inhalation : Irritation of respiratory tract. Prolonged inhalation may lead to mucous membrane irritation, drowsiness, dizziness and/or lightheadedness, headache, nausea, coughing, central nervous system depression, asthmatic reaction, kidney damage.

Skin contact : Irritation of skin. Prolonged or repeated contact can cause dermatitis, defatting. Possible sensitization to skin. Skin contact may result in dermal absorption of component(s) of this product which may cause headache, nausea, central nervous system depression.

Eye contact : Irritation of eyes. Prolonged or repeated contact can cause conjunctivitis, tearing of eyes, redness of eyes, severe eye irritation or burns.

Ingestion : Ingestion may cause mouth and throat irritation, dizziness and/or lightheadedness, headache, nausea, vomiting, gastro-intestinal disturbances, severe abdominal pain, apathy, central nervous system depression, respiratory problems, intoxication, kidney damage, pulmonary edema, loss of consciousness, acute poisoning, respiratory failure, cardiac failure, brain damage.

Medical conditions aggravated by exposure : Eye, skin, respiratory disorders, kidney disorders.

FIRST-AID MEASURES (ANSI Section 4)

Inhalation : Remove to fresh air. Restore and support continued breathing. Get emergency medical attention. Have trained person give oxygen if necessary. Get medical help for any breathing difficulty. Remove to fresh air if inhalation causes eye watering, headaches, dizziness, or other discomfort. Get medical attention if discomfort or irritation persists.

Skin contact : Wash thoroughly with soap and water. If any product remains, gently rub petroleum jelly, vegetable or mineral/baby oil onto skin. Repeated applications may be needed. Remove contaminated clothing. Wash contaminated clothing before re-use. If irritation occurs, consult a physician.

Eye contact : Flush immediately with large amounts of water, especially under lids for at least 15 minutes. If irritation or other effects persist, obtain medical treatment.

Ingestion : If swallowed, obtain medical treatment immediately.

FIRE-FIGHTING MEASURES (ANSI Section 5)

Fire extinguishing media : Dry chemical or foam water fog. Carbon dioxide. Closed containers may explode when exposed to extreme heat or fire. Vapors are heavier than air and may travel long distances to a source of ignition and flash back. Vapors can form explosive mixtures in air at elevated temperatures. Closed containers may burst if exposed to extreme heat or fire. Easily ignited if allowed to dry. In closed tanks, water or foam may cause frothing or eruption.

Fire fighting procedures : Water may be used to cool and protect exposed containers. Firefighters should use full protective clothing, eye protection, and self-contained breathing apparatus.

Hazardous decomposition or combustion products : Carbon monoxide, carbon dioxide, oxides of nitrogen, monomer vapors, toxic gases. Acrylic monomers propionaldehyde

ACCIDENTAL RELEASE MEASURES (ANSI Section 6)

Steps to be taken in case material is released or spilled : Comply with all applicable health and environmental regulations. Eliminate all sources of ignition. Ventilate area. Spills may be collected with absorbent materials. Evacuate all unnecessary personnel. Place collected material in proper container. Complete personal protective equipment must be used during cleanup. Large spills - shut off leak if safe to do so. Dike and contain spill. Pump to storage or salvage vessels. Use absorbent to pick up excess residue. Keep salvageable material and rinse water out of sewers and water courses. Small spills - use absorbent to pick up residue and dispose of properly.

HANDLING AND STORAGE (ANSI Section 7)

Handling and storage : Store below 100f (38c). Keep away from heat, sparks and open flame. Keep from freezing. Keep container tightly closed in a well-ventilated area.

Other precautions : Use only with adequate ventilation. Do not take internally. Keep out of reach of children. Avoid contact with skin and eyes, and breathing of vapors. Wash hands thoroughly after handling, especially before eating or smoking. Keep containers tightly closed and upright when not in use. Empty containers may contain hazardous residues.

EXPOSURE CONTROLS/PERSONAL PROTECTION (ANSI Section 8)

Respiratory protection : Where respiratory protection is required, use only NIOSH/ MSHA approved respirators in accordance with OSHA standard 29 CFR 1910.134.

Ventilation : Provide dilution ventilation or local exhaust to prevent build-up of vapors.

Personal protective equipment : Eye wash, safety shower, safety glasses or goggles. Impervious gloves, impervious clothing. Replace elastomeric protective equipment whenever it becomes swollen, gummy, torn, or shows evidence of barrier loss. Apply a solvent-resistant skin barrier cream to areas of skin that may come into contact with material. If working out-of-doors, apply sunscreen lotion with a high sun block protection factor to skin exposed to sunlight after applying barrier cream.

STABILITY AND REACTIVITY (ANSI Section 10)

Under normal conditions : Stable see section 5 fire fighting measures

Materials to avoid : Oxidizers, acids, nitric acid, hydrofluoric acid.

Conditions to avoid : Elevated temperatures, contact with oxidizing agent, freezing, sparks, open flame, extremes in temperature.

Hazardous polymerization : Will not occur

TOXICOLOGICAL INFORMATION (ANSI Section 11)

Supplemental health information : Contains a chemical that may be absorbed through skin. Notice - reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal. Other effects of overexposure may include toxicity to liver, kidney, blood.

Carcinogenicity : In 2-year feed studies of c.I. Pigment red 3, there was some evidence of carcinogenic activity in male rats (adrenal gland - benign pheochromocytomas) and female rats (hepatocellular adenomas). There was also some evidence of carcinogenic activity in male mice (adenomas of renal cortex and thyroid gland), but no evidence in female mice. The international agency for research on cancer (IARC) has classified carbon black as possibly carcinogenic to humans (group 2b) based on sufficient evidence in animals and inadequate evidence in humans.

Reproductive effects : No reproductive effects are anticipated

Mutagenicity : No mutagenic effects are anticipated

Teratogenicity : Some laboratory test results have shown ethylene glycol to be an animal teratogen. However, an expert panel convened by the national toxicology program's center for the evaluation of risks to human reproduction (cerhr) conducted a review of the scientific literature and concluded that ethylene glycol does not present a significant concern with respect to developmental and reproductive toxicity in humans.

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EVERMORE INT/EXT HIGH GLOSS LATEX ENAMEL

HD7100

ECOLOGICAL INFORMATION (ANSI Section 12)

No ecological testing has been done by ICI paints on this product as a whole.

DISPOSAL CONSIDERATIONS (ANSI Section 13)

Waste disposal : Dispose in accordance with all applicable regulations. Avoid discharge to natural waters.

REGULATORY INFORMATION (ANSI Section 15)

As of the date of this MSDS, all of the components in this product are listed (or are otherwise exempt from listing) on the TSCA inventory. This product has been classified in accordance with the hazard criteria of the CPR (controlled products regulations) and the MSDS contains all the information required by the CPR.

Physical Data (ANSI Sections 1, 9, and 14)

Product Code	Description	Wt. / Gal.	VOC gr. / ltr.	% Volatile by Volume	Flash Point	Boiling Range	HMIS	DOT, proper shipping name
HD 7100	glidden evermore interior/exterior latex enamel hi-gloss-pure white (also tint base)	10.47	204.56	59.75	none	212-400	*210	paint ** protect from freezing **
HD 7111	glidden evermore interior/exterior latex enamel hi-gloss-pure white (base 1)	10.13	135.41	60.93	none	212-374	210	paint ** protect from freezing **
HD 7112	glidden evermore interior/exterior latex enamel hi-gloss-base 2	8.84	127.50	65.07	none	212-374	210	paint ** protect from freezing **
HD 7113	glidden evermore interior/exterior latex enamel hi-gloss-base 3	8.67	137.33	67.14	none	212-374	210	paint ** protect from freezing **
HD 7118	glidden evermore interior/exterior latex enamel hi-gloss-pastel tint base	10.08	204.92	62.22	none	212-400	*310	paint ** protect from freezing **
HD 7120	glidden evermore interior/exterior latex enamel hi-gloss-bright red	8.82	246.62	67.53	none	149-374	310	paint ** protect from freezing **
HD 7124	glidden evermore interior/exterior latex enamel hi-gloss-white	10.22	117.32	61.49	none	212-453	310	paint ** protect from freezing **
HD 7179	glidden evermore interior/exterior latex enamel hi-gloss-black	8.73	248.17	70.99	none	212-400	*310	paint ** protect from freezing **
HD 7180	glidden evermore interior/exterior latex enamel hi-gloss-deep tint bas	8.82	137.33	66.55	none	212-374	*210	paint ** protect from freezing **
HD 7190	glidden evermore interior/exterior latex enamel hi-gloss-accent tint base	8.70	137.33	67.15	none	212-374	*210	paint ** protect from freezing **

Ingredients Product Codes with % by Weight (ANSI Section 2)

Chemical Name	Common Name	CAS. No.	HD 7100	HD 7111	HD 7112	HD 7113	HD 7118	HD 7120	HD 7124	HD 7179	HD 7180	HD 7190
1,2-ethanediol	ethylene glycol	107-21-1	1-5				1-5			1-5		
ethanol, 2-(2-butyoxyethoxy)-	diethylene glycol monobutyl ether	112-34-5							1-5			
carbon black	carbon black	1333-86-4								1-5		
titanium oxide	titanium dioxide	13463-67-7	20-30	10-20	1-5		10-20		10-20		1-5	
2-naphthalenol, 1-((4-methyl-2-nitrophenyl)azo)-	pigment red 3	2425-85-6						5-10				
2-propenoic acid, butyl ester, polymer with ethenyl acetate	vinyl acrylic latex	25067-01-0		5-10	1-5				5-10			
propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol	texanol	25265-77-4	1-5	1-5	1-5	1-5	1-5	1-5		1-5	1-5	1-5
1,2-propanediol	propylene glycol	57-55-6	5-10	1-5	1-5	1-5	5-10	5-10		5-10	1-5	1-5
water	water	7732-18-5	30-40	40-50	50-60	50-60	40-50	50-60	40-50	50-60	50-60	50-60
ethene, tetrafluoro-, homopolymer	tetrafluoroethane, homopolymer	9002-84-0	.1-1.0				.1-1.0	.1-1.0		.1-1.0	.1-1.0	.1-1.0
ammonium salt of polycarboxylic acid	polymeric dispersant solution	Sup. Conf.			1-5	1-5					1-5	1-5
acrylic resin	acrylic resin	Sup. Conf.	20-30		20-30	20-30	20-30	20-30		20-30	20-30	30-40
styrene acrylic polymer	styrene acrylic polymer	Sup. Conf.		20-30	1-5	1-5			20-30			
acrylic emulsion	thickener	Sup. Conf.	1-5		1-5	1-5	1-5	1-5		1-5	1-5	1-5

Chemical Hazard Data (ANSI Sections 2, 8, 11, and 15)

		ACGIH-TLV				OSHA-PEL				S.R.	S2	S3	CC					
Common Name	CAS. No.	8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S	Std.				H	M	N	I	O
ethylene glycol	107-21-1	not est.	not est.	100 mg/m3	not est.	not est.	not est.	not est.	not est.	not est.	n	y	y	y	n	n	n	n
diethylene glycol monobutyl ether	112-34-5	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	y	n	y	n	n	n	n
carbon black	1333-86-4	3.5 mg/m3	not est.	not est.	not est.	3.5 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	y	n

Footnotes:

C=Ceiling - Concentration that should not be exceeded, even instantaneously.

S=Skin - Additional exposure, over and above airborn exposure, may result from skin absorption.

n/a=not applicable
not est=not established
CC=CERCLA Chemical

ppm=parts per million
mg/m3=milligrams per cubic meter
Sup Conf=Supplier Confidential

S2=Sara Section 302 EHS
S3=Sara Section 313 Chemical
S.R.Std.=Supplier Recommended Standard

H=Hazardous Air Pollutant, M=Marine Pollutant
P=Pollutant, S=Severe Pollutant
Carcinogenicity Listed By:
N=NTP, I=IARC, O=OSHA, y=yes, n=no

Chemical Hazard Data (Continued) (ANSI Sections 2, 8, 11, and 15)

		ACGIH-TLV				OSHA-PEL				S.R.	S2	S3	CC					
Common Name	CAS. No.	8-Hour TWA	STEL	C	S	8-Hour TWA	STEL	C	S	Std.				H	M	N	I	O
titanium dioxide	13463-67-7	10 mg/m3	not est.	not est.	not est.	10 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
pigment red 3	2425-85-6	10 mg/m3	not est.	not est.	not est.	15 mg/m3	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
vinyl acrylic latex	25067-01-0	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
texanol	25265-77-4	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
propylene glycol	57-55-6	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
tetrafluoroethane, homopolymer	9002-84-0	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
polymeric dispersant solution	Sup. Conf.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
styrene acrylic polymer	Sup. Conf.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n
thickener	Sup. Conf.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	not est.	n	n	n	n	n	n	n	n

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Carcinogenicity Listed By:
N=NTP, I=IARC, O=OSHA, y=yes, n=no